

Y-12 Foundry Completes 17 Years Of Work With No Disabling Injuries For Fine Record To Contribute To Y-12 Plant Mark



THE SINCERE AND FIRM BELIEF IN SAFE WORKING HABITS of this group of Y-12ers in the Foundry Shops, Mechanical Operations Division, has resulted in the establishment of a remarkable and laudable record of 17 years without a disabling injury. From left are Foreman W. H. Donahue, W. J. Crabtree, H. M. Jenkins, W. A. Herrell, H. V. Evans and J. H. Lauderdale. C. Tharp, also a member of the Foundry crew, was absent when picture was made.

No Lost Time Mishaps Recorded Since Start

Not a disabling accident in the 17 years of operations since its formation on September 20, 1943, is the amazing safety record of the Foundry Shop, a unit of the General Machine Shop of the Mechanical Operations Division. It is just such records — established by small groups throughout the Y-12 Plant—that has enabled the plant as a whole to now be rapidly approaching 10,000,000 hours of operations without a lost time accident.

Most Employees "Old Timers"

The Foundry has only seven employees, working under the supervision of Foreman W. H. Donahue. Most of the employees are "old timers" in the Y-12 Plant. The Y-12ers in the Foundry and their dates of employment are I. O. Keller, September 9, 1943; H. M. Jenkins, November 5, 1943; W. J. Crabtree, July 7, 1944; W. A. Herrell, September 25, 1950; C. Tharp, November 20, 1950; J. H. Lauderdale, September 6, 1951; and H. V. Evans, April 13, 1959.

The Foundry functions present many different types of accident hazards — but the conscientious safety training by Foreman Donahue and the cooperations provided by his employees has kept the group's slate clear of disabling injuries longer than that of any in the Y-12 Plant.

Work With Molten Metal

The Foundry functions include pouring of castings of various types of metals, such as iron, zinc, aluminum, brass, bronze and lead. These metals are poured from crucibles into molds while in a molten state after being subjected to extremely high temperatures. During this pouring the danger of burns always exists.

After the desired casts are obtained and a rough finish is desired on the metal, sand blasting is required. Protection against flying particles of sand and metal is provided by safety glasses, fresh air hoods and safety gloves.

All Steps Difficult

The Foundry does all the heat treating of steel used in the Y-12 Plant. Heat treating includes tempering, annealing and stress relieving. All of these steps are difficult to perform and care and safety precautions must be utilized to prevent a disabling injury.

The Foundry actually is a small-scale steel mill, as it performs all the functions of a large steel mill. All the patterns used in the Y-12 Foundry are produced from wood there.

One of the big factors in the

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Y-12ers Will Join Nation In Observance Of Fire Prevention Week October 9-15

Hazards Elimination Is Goal Of Campaign

Y-12ers will join the rest of the nation and the Dominion of Canada in observance of Fire Prevention Week October 9-15. The observance in the Y-12 Plant will serve to emphasize the year-around activities to maintain the premises as a clean and safe place in which to work at all times. To carry out this objective is not difficult — requiring only whole-hearted enthusiasm and belief in the matter of keeping the Y-12 Plant clean and free of accident and fire hazards, plus cooperation between supervision and every Y-12er to be alert in seeking and eliminating those hazards.

Thorough Check Urged

No spectacular Fire Prevention Week campaign is planned in the Y-12 Plant — just firm reminders to every Y-12er to thoroughly check every nook and cranny of the plant area. The campaign will be coordinated by the Fire Department and coordinators from each division in the Y-12 organization. The coordinators will be called for a meeting some time this week to perfect plans for Fire Prevention Week observance.

Fire Prevention will be stressed at all divisional and departmental safety meetings. Inspections will be held in every department both before, during and after Fire Prevention Week to check progress made in cleaning up shops, warehouses, work rooms, offices and aisles, as well as exteriors of all buildings. Accumulated trash and rubbish should be assembled outside each building in the Y-12 Plant for removal by Maintenance Division crews.

Home Observance Asked

Not only are Y-12ers urged to make every effort to wipe out conditions in the plant that might result in fires or accidents—but also to take the Fire Prevention Week lesson to their homes.

The importance of Fire Prevention Week observance on a national scale is of paramount in-



terest. The observance is proclaimed by the President of the United States and the Governor-General of Canada for the full week that includes October 9—the anniversary of the great Chicago fire of 1871 — one of the most destructive conflagrations in history.

Foreign Scientists To Talk To Three Seminar Sessions

Three physics seminars offering foreign scientists as speakers are to be presented by the Oak Ridge National Laboratory Physics Division for the next three days. The seminar sessions are scheduled for Bldg. 4500, ORNL, on Wednesday, September 21; Thursday, September 22; and Friday, September 23.

The meeting today will be at 10 a.m. with Josef M. Jauch, University of Geneva, Switzerland, as speaker. His subject will be "Meson Physics and Dispersion Relations." At 3 p.m. on Thursday the speaker will be Neve de Mevergnies, of the C.E.N., Mol, Belgium. His topic will be "Nuclear Physics Research at C.E.N." Dr. Jauch will speak again at 3:15 p.m. on the same subject as was discussed at the Wednesday meeting.



THE POSTER BOY for the Community Chest this year is little Donnie Hamilton, a victim of polio and one of the Oak Ridge Cerebral Palsy School's brightest students. He is shown with Judy Dow, Girl Scout, and daughter of Neal Dow of the Y-12 Plant Alpha Four Cascade Operations Department. The Daniel Arthur Cerebral Palsy Center and the Girl Scouts are only two of the 13 agencies served by the Community Chest.

Palsy Child Featured On Campaign Poster

Daniel Arthur Center To Benefit In Drive

The poster child for 1960 for the Community Chest-Red Cross dramatizes one of the 13 agencies of the Chest which serves Anderson County so well — the Daniel Arthur Cerebral Palsy Center.

It is here that handicapped persons, through the magic of physical and mental therapy, are brought into the wondrous world of activity where usefulness replaces helplessness. Victims of cerebral palsy, muscular dystrophy, epilepsy, heart trouble, and other disabling diseases are taught how to live within their own capabilities. Physiotherapy recognizes no such word as disability — for disability is hopeless, and the therapist is the link of hope to a more useful life.

Advances are being made constantly in this changing field of rehabilitation, and the center in Oak Ridge keeps abreast of all the latest methods.

The Red Cross also provides vital services to the community. The blood bank alone would justify this humanitarian agency's existence. In addition to this important service, the Red Cross provides first aid programs, water safety programs so important in this area, home service, Gray Lady service, the Junior Red Cross, disaster service, and emergency funds for catastrophes in many sections other than the immediate vicinity.

The Chest-Red Cross drive begins October 3 and will run through October 22 in Anderson County. J. W. Ebert, Superintendent of the Maintenance Division, is drive chairman for the Y-12 Plant and plans are being made to put Y-12 over the top again this year in this "once-a-year" campaign.

GUNPOWDER PLOT BARED

The so-called Gunpowder Plot in England occurred in 1605. Conspirators against King James I and Parliament attempted to blow up the House of Lords, but were unsuccessful.

TV 'Classroom' Program To Open September 26

Mathematics Course To Be Given; UCC Again Is Sponsor

Continental Classroom, the National Broadcasting Company television educational program presenting courses for college credit, will start its third year on Monday, September 26. Union Carbide Corporation again will be one of the industrial sponsors of the program. The program will be presented locally over Knoxville station WATE-TV, Channel 6.

Schedule Is Announced

The 1960-1961 course will be "Contemporary Mathematics." It will be carried over more than 150 stations of the NBC-TV network from 6:30 a.m. to 7 a.m. on weekdays, except Saturdays. Modern Algebra will be offered in the first semester and probability and statistics in the second semester.

Students seeking undergraduate credit will be required to view the telecasts on Monday, Wednesday and Friday. Those enrolled in the course for graduate credit must, in addition, tune in on Tuesday and Thursday, when lectures will be presented on methods of teaching modern algebra in secondary schools.

No Credit By UT

The University of Tennessee will not offer credit for the courses. However, credit will be offered by Vanderbilt University, University of Chattanooga, University of Kentucky and Tennessee Wesleyan College.

Dr. John L. Kelley, professor of mathematics and head of the mathematics department at the University of California at Berkeley, will be teacher for modern algebra. Dr. Frederick Mosteller, of Harvard University, will teach probability and statistics.

The shortage of mathematics professors in secondary schools and colleges has resulted in severely restricted curricula and a lack of mathematical comprehension and understanding among students. It is hoped that the TV course will help solve this problem, and, in addition, will stimulate interest in the study of mathematics and encourage students to consider mathematics as a career.

"Contemporary Mathematics" will be preceded in the telecast from Knoxville from 6 a.m. to 6:30 a.m. by a rerun of last year's course in "Modern Chemistry."

UCC Insulation Committee Holds Meet In Oak Ridge

The annual meeting of the insulation committee of the Union Carbide Corporation Engineering Liaison Program held at the Holiday Inn, Oak Ridge, on September 14, 15 and 16, drew representatives from the Y-12 Plant, Oak Ridge Gaseous Plant and the Oak Ridge National Laboratory as well as from other UCC groups throughout the country. Approximately 40 persons attended the sessions, at which various types of insulation were discussed.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

283 Days Or 9,317,000 Man-Hours

(Unofficial Estimate)

Without A Disabling Injury

Through September 18

Phone 7755

For Daily Report On Accident-Free Hours

The Bulletin

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AIIE To Hear Address By UCC Engineer

S. W. Earle To Describe 'Memomotion' At Meet

Samuel W. Earle, manager industrial engineering department, Union Carbide Corporation, New York, will speak on "Memomotion" to the members and visitors of the East Tennessee Chapter of the American Institute of Industrial Engineers on Thursday, September 29 at the Town House Restaurant, Knoxville. The dinner meeting will be at 7 p.m., and the technical session at 8 p.m. Earle will present a discussion on some of Union Carbide's work on the Memomotion technique.

Earle received his B.S. in civil engineering and his M.S. in industrial engineering at Purdue University. In 1946 he joined the Haynes Stellite Company, a division of Union Carbide Corporation. After holding several positions involving cost analysis, material handling, methods improvement, plant and office layout, integration of production operations and basic data, he was appointed head of the methods, standards and plant layout department. In 1953 he transferred to the parent Corporation in the management services activity.

He is well known as a lecturer and author. He has presented talks on Memomotion to the 1957 and 1959 Annual National Conferences of the AIIE and has spoken to various university conferences and clinics. He is co-author of an article appearing in "Factory Magazine," and has supplied data for the Memomotion section of the "Handbook of Industrial Engineering."

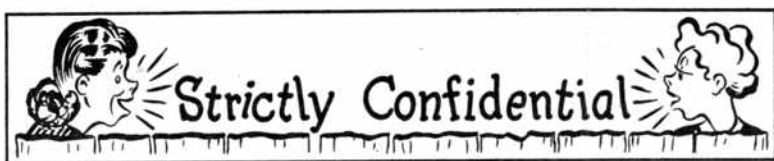
General Electric Research Man To Address ASM Meet

The Oak Ridge Chapter of the American Society for Metals will hear a talk by Dr. Karl T. Aust, of the General Electric Corp. Research Laboratory at a meeting tonight, Wednesday, September 1. The session will be at the Holiday Inn, Oak Ridge, with a dinner at 6 p.m. preceding the business meeting at 8 p.m. In his talk Dr. Aust will discuss the structure of grain boundaries in metals.

The Old Timer



"Man blames fate for other accidents but feels personally responsible when he makes a hole in one."



With Leap Year still in progress—you single guys again are warned, so that you don't find yourself in the predicament of the male character in this conversation—

She: "You deceived me before our marriage. You said you were well off."

He: "I was, but I didn't know it."

Now that the place has quieted down a bit—on with the Colyum, starting out with—

SHIFT SUPERINTENDENTS AND UTILITIES

The PSS Office was glad last week to see H. N. Benninghoff back after being ill a few days.

Utilities extends its best good luck wishes to P. S. Wende, its summer employee who is returning to the Ringling Art School at Sarasota, Fla. The young feller has lots of talent and should go far in his field. Get well wishes are extended to Mrs. Nick Tronolone, K. E. Thomas and C. D. Langley. Jack Finchum is welcomed back after a recent illness. Vacationers include J. C. Yarber, visiting his father in Dayton, Ohio, with plans to do some fishing somewhere. R. G. Hurst is going to the Tennessee—Auburn gridiron battle in Birmingham and then visit his folks in Sevierville. Long breaks in the department found E. R. Bailey doing some bulldozing and squirrel hunting—a heck of a combination unless Bailey was knocking bushy tails out of trees with the dozer and then shooting the critters before they hit the ground. D. W. Woody was another squirrel hunter. Dewey Stevens went to see his parents in Jellico. J. H. Thomas did likewise in Blount County. J. C. Thompson went on a similar mission to Athens, Tenn. P. L. Beeler, the departmental hot-rodder, enriched himself by some \$40 in prizes in a recent race program.

The Steam Plant's vacationer of the week is E. E. Spradlin—nothing exciting, just stayed at home.

TECHNICAL

This young 'un is a real "rabble rouser," according to his Pop, Kenneth Howard Tinnel, a laboratory analyst in Special Testing, as he proudly displays the picture of the handsome youngster to all viewers. Young Joel Howard Tinnel was born on May 19 and is just past his four-month-old milestone.

Radiation Safety has bestowed its "goodbyes and best wishes" on a couple of summer employees. Kay Derryberry is leaving to become a freshman at Tennessee Polytechnic Institute at Cookeville and Rachel Jinks is returning to the University of Tennessee for her junior year. Co-op Henry Morton also is returning to UT to continue his studies.

MAINTENANCE

Electrical sends its best rapid recovery wishes to sick folks J. F. Johnson, C. O. Johnson and Sam King. J. L. Watkins is vacationing at home in Maryville.

INDUSTRIAL RELATIONS

The Boys in Blue and Gray of the Fire and Guard Department send rapid recovery wishes to ailing Guard A. O. "Joe" Lynch. Also to the son of Fireman G. I. Davis, the youngster was injured in a bus-motorcycle bump re-

cently. Guard T. H. Allison is visiting kin folks in Macon, Ga., while vacationing. Guard Goebel Hoskins is taking one of those big economy(?) size vacations—spending three weeks in Kentucky to visit relatives and attend a family reunion at Pine Mountain State Park.

The Cafeteria extends get well wishes to Vena Mae Summitt, recuperating from surgery at her home in Lenoir City. Condolences are sent Horace Russell and family—his cousin was drowned on Labor Day in Fort Loudoun Lake. Frankie Goss is vacationing at home in Knoxville. Wynetta Patterson and her husband, D. H. Patterson, of the Guard Department, are off for a two-week tour of West Tennessee, Missouri and Illinois. Irene McCrosky is vacationing at home in Sweetwater. Madeline Tackett has just returned from a vacation in Daytona Beach, Fla.

MECHANICAL OPERATIONS

The Sunflower Shop will be well represented in Birmingham, Ala., for the Auburn-Tennessee football fracas come Saturday, Oct. 1. Bumminham will have to put up with such characters as Richard Dew, Bob Loy, George Jones and their wives and Mildred Morris (keep your eyes open for scoops) and her husband, Charlie, Piping Engineering, who will be among the customers. H. E. Dake is in Cookeville, Tenn., entering his daughter in Tennessee Polytechnic Institute and earlier this month he was among those present at the Walking Horse Show in Shelbyville. D. W. Henry has left to enter dental school in Louisville, Ky. J. L. Braden is having a ball for two weeks—just hunting and fishing. D. E. Parton had one week of a REAL vacation—just staying at home and taking it easy. O. H. Cunningham plans a lot of fishing and a wee bit of painting while vacationing. Bob Loy's spouse spent his week off having him paint the outside of their house. Ben Bailey spent his vacation time off at home and on a golf course. N. B. Bloomer planned to see relatives in Virginia and then spend some time at home—real home lovin' and house broken fellers among the Sunflowers. Sympathy is extended M. H. Lee, whose brother died recently in Lenoir City.

The big tool show in Chicago drew the attendance of Joe Williams, Forming, along with many other mechanically minded persons. Ellen Culp, the Colyum's agent up thataway, is taking this week off to do some furniture shopping with her husband, Dan, a former Y-12er and one-time aide to the Colyum Conductor—and a darn good one, too. The young Culp have bought themselves a house in the Wedgewood Hills section of Knox County. Get well wishes go to Jim Oody, on the sick list.

The Beta Four Heavy Machine shop has missed the familiar faces of H. E. Alvey, R. D. Ellingson, C. E. Hensley, J. L. Elliam and A. E. Perry, who also have been attending that tool show in Chicago. O. W. Morris is welcomed back after a bout with one of those "virus bugs" that have a sneaky way of catching up with the best of folks at unexpected times. Get well wishes are wafted to Jack Hunt, off on sick leave. Also to W. J. Muerth, hospitalized at Chattanooga and M. E. Green, landing in Loudon Hospital after a touch of food poisoning. Likewise to ailing L. N. Moncier and J. D. Weisgerber. After working in other areas for some time, the Assembly Area welcomes back C. R. Elliott, C. K. Endsley, H. B. Presley, K. D. Henderson, D. B. Swecker, T. E. Duff, M. G. Hel-

Management Training Program Is Offered

UT Courses Will Lead To Master's Degree

Y-12ers interested in enrolling in courses in Industrial Management offered by the University of Tennessee Graduate School in Oak Ridge are advised that they must complete their registration not later than next Wednesday, September 28. Enrollments in these courses are being accepted at the Oak Ridge Institute of Nuclear Studies Training Building.

The two courses being offered are No. 511 and 521. They are first year courses in the two-year program required for obtaining a master's degree. The second year of study includes preparing a thesis for the degree.

Four Y-12ers Have Degrees

The program was inaugurated in 1955 and since then 34 master's degrees have been awarded Oak Ridgers. Four of these were taken by Y-12ers.

The program grew out of belief that there is a major opportunity in Oak Ridge installations of Union Carbide Nuclear Company for the addition of knowledge of management to engineering and science educations held by UCNC employees.

Eligibility, Course Described

Eligibility for enrollment in the Industrial Management program is restricted to persons with a minimum of three years of work experience following graduation from a recognized college or university. This restriction does not apply to those with undergraduate degrees in Business Administration. The Industrial Management program pays particular attention to organizational theory or practice with a second line of inquiry directed toward human behavior in organizations such as motivation, leadership and morale.

Y-12ers interested in the Industrial Management program may obtain more detailed information on the program and entrance requirements from Mrs. Aileen Tenpenny, representative of the UT Graduate Program in Oak Ridge. She can be reached over telephone 4129 through the regular Carbide switchboard.

ton, J. R. Pugh and H. A. Hutcheson—the latter being all smiles in reporting the remodeling of his house should be finished soon—"twas hard work, he says, but well worth it. H. N. Wright planned to vacation in Florida, hoping that those rambunctious female bags of wind, Donna and Ethel, had cleared out before his arrival. E. B. Dyer wandered over to West Tennessee. R. P. Wallace is cavorting in Chicago. J. E. Lovelace is touring Ohio and other Yankee states and if time allows will return home in time to prop up his feet and relax a bit before returning to work.

The TW Shop sends get well wishes to G. Neal, off on sick leave.

General Machine Shoppers last week welcomed new hires V. B. Effler and D. J. Bell and C. L. Yeary and R. L. McIlwain, transfers. Get well wishes are extended J. M. Butts, in Oak Ridge Hospital; E. L. Pemberton, in Presbyterian Hospital, Knoxville; Bob Horton's son, who underwent surgery at Oak Ridge Hospital last Friday; and also to the wife of E. Collier, ill in Oak Ridge Hospital. Collier wants to thank Shoppers who so generously contributed blood to his wife. Horse lovers in the shop are looking forward to a horse show to be staged at the Oak Ridge Riding Academy October 15 when N. C. Abbott will show his ribbon-winning pony, "Little Friend." The pony, with Abbott's son up, won awards at the recent East Tennessee Riding Club's show. Russell Hopper took in

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Get well wishes are extended the following Y-12 employees who were patients last week at the Oak Ridge Hospital:

Noble H. Campbell, Chemical; Harry L. Garrett, Process Maintenance; L. F. Powell, Timekeeping; C. W. Toney, Maintenance Auto Equipment; James M. Butts, General Machine Shop; James L. Smith, Electrical Engineering; Evelyn Bell, SS Control.

UT Evening School Registration Is Set

Varied Courses Offered In Oak Ridge, Knoxville

Registration in fall quarter classes to be offered by the University of Tennessee Evening School in Oak Ridge and Knoxville opens tomorrow, Thursday, September 22, and will continue through Friday, September 30. Enrollment can be made from 6 to 9 p.m. at the Oak Ridge High School and also at the Glocker Business Administration Building, Temple at Rose Ave., Knoxville. Classes will begin on Monday, September 26.

For Oak Ridgers a total of 26 credit courses will be offered. In Knoxville the U-T Evening School will present 86 credit and eight non-credit courses.

A complete description of courses offered in both Oak Ridge and Knoxville may be had from the Y-12 Benefit Plans Office, Bldg. 9704-2, plant telephone 7384. Many of the courses offered are suitable for benefits under the Union Carbide Nuclear Company Educational Assistance Plan, information on which also may be obtained from the Benefit Plans Office.

AEP Registration Underway With Many Courses Offered

Registration began on Monday of this week and will continue until Friday, September 30, for courses offered for the fall quarter of the Oak Ridge Adult Education Program. Enrollment may be made during the registration period at the Oak Ridge High School offices of the AEP from 1 p.m. to 5 p.m. and 6:30 p.m. to 9 p.m. Classes will begin on Monday, September 26 and continue through December 2.

A wide variety of courses are being offered by the AEP for the fall quarter. They include 19 in business subjects, 33 in general subjects and eight in high school subjects. Business diploma courses also are being offered with full information being obtainable at the AEP office.

ASME To Hear Description Of Famed F-104 Starfighter

The Oak Ridge Subsection of the American Society of Mechanical Engineers will hear a description of the famed F-104 Starfighter airplane at its meeting tomorrow night, Thursday, September 22. The meeting will be at 7:30 o'clock at the Oak Terrace, with the speaker being Captain Ruthstein, of the Tennessee Air National Guard. Captain Ruthstein also will describe the "sonic barrier" break that causes noisy air displacement similar to thunder, made by the F-104 plane used by the TANG. Following the business meeting, a social hour will be held.

BE SURE IT'S SAFE,
THEN GO AHEAD!—MAC

Alley Cats Sweep Mixed Loop Honors

Scrappers And Toppers Hold Undefeated Marks

Treed in the first night of Mixed League bowling by the Cool Cats for a four-point whitewash win, the Alley Cats last week slithered down from the limb on which they were perched to claw out the same margin of victory over the Phantoms to end up with an even break in the standings after two rounds of pin pounding. The Alley Cats not only spooked the Phantoms for a whitewash win, but took all team scoring honors and most of the individual tallying totals.

In other team results last week the two leading teams kept their slates clean by blanking their opposition. The Scrappers and Toppers thumped the Goofers, each by four. The Cool Cats and Pin Plasters ended up with a two-point deadlock.

The Alley Cats' team scoring swept the boards with a 657 scratch game, boosted to 843 with handicap; an 1821 scratch and 2379 handicap series. In individual scoring Wanda Livesay, pinch hitting with the Alley Cats, came through with a 452 scratch and 608 handicap series for tops on the distaff side. Lloyd Kahler, also an Alley Cats sub, performed a similar feat for the men with a 538 scratch and 613 handicap tally. Ray Williams, also an Alley Cat, came through with a 233 handicap game for best of the night. George Rader, of the Pin Plasters, bagged a 174 scratch and 223 handicap game for high while Harold Ratjen, Phantoms, had a 189 scratch game for the men.

League standing follows:

Team	W	L
Scrappers	8	0
Toppers	8	0
Cool Cats	6	2
Pin Plasters	5	3
Alley Cats	4	4
Phantoms	1	7
Goofers	0	8
Nip and Tucks	0	8

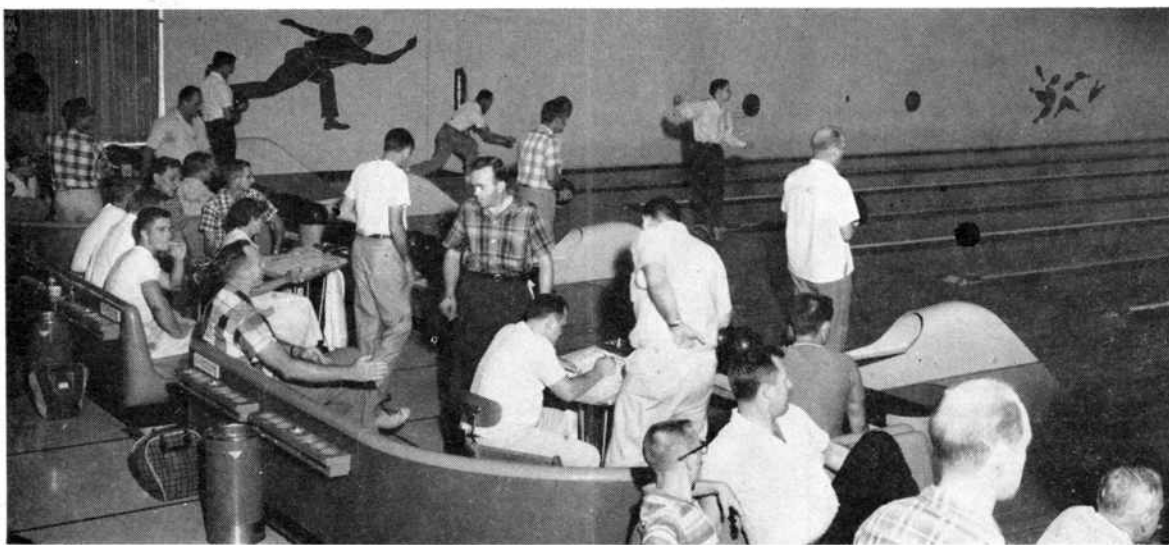
Anderson Club Offers Gun Course

The Anderson County Gun Club at Clinton has announced it will sponsor a National Rifle Association small arms training course, beginning next Tuesday, September 27. The club has several Y-12ers among its membership, including officers.

The training course will last for eight week with firing to be held every Tuesday from 6:30 p.m. to 8:30 p.m. Registration for the course will be held on Saturday of this week, September 24, at the Gun Club headquarters at the old fair grounds off Nave St., Clinton. The registration fee for the entire course is \$1 per person and registration hours will be from 9 a.m. to 11 a.m., 1 p.m. to 4 p.m. and 7 p.m. to 9 p.m.

The course is open to both adults and children with a minimum age of 10 years required. Youngsters from 10 to 18 years old may participate in the Junior Rifle League at Clinton and adults in one of the adult rifle leagues firing at Clinton. National Rifle Association certified instructors will teach the course.

"Do you believe in love at first sight?"
 "Well, that all depends on who's in sight."



PACKED WITH ACTION ON THE OPENING NIGHT of alley activities of the C League of Y-12 bowlers was the Ark Bowling Lanes in Oak Ridge, one of the most attractive bowling emporiums in the South. Here is a part of the big crowd that watched the Y-12ers pry the lid off their season.



SEEING THE C LEAGUE of Y-12 bowlers off to a rousing start are the loop officers, above. From left are W. B. Tyree, vice president; L. C. Watson, secretary-treasurer; and J. A. Whitten, president.

Bush Loop Brushes Lid Off New Season

The Bush League of Y-12 Plant bowlers brushed off the lid of its new season on September 12 with plenty of action, including the posting of three four-point whitewash triumphs. The victors were Balls O'Fire, Pin Busters and Rollmasters. Victims were Rodders, Rollniks and Nine Pins. Three-point wins were scored by the Lucky Five over the Hi Balls and Beavers over the Alley Gators.

In fact the Beavers hogged all team and individual scoring honors of the night. The team had a 879 scratch game, boosted to 980 with handicap; 2430 scratch and 2860 handicap series. R. A. Huber of the team, swept the boards with tallies of a 225 scratch game, the same handicap mark because he had not posted a previous handicap; 592 scratch and 615 handicap series.

League standing follows:

Team	W	L
Balls O' Fire	4	0
Pin Busters	4	0
Rollmasters	4	0
Lucky Five	3	1
Beavers	3	1
Hi Balls	1	3
Alley Gators	1	3
Rodders	0	4
Rollniks	0	4
Nine Pins	0	4

Skeet Shoot Loop Planned For Y-12

Y-12 skeet target shooting enthusiasts are planning a plant league of two-man teams to begin firing at the Oak Ridge Sportsmen's Association range on Sunday, October 9. Tentative plans call for subsequent firing on October 23, November 6 and 20 and December 4 and 18. Further activities will depend on interest shown in firing up through December 18.

The deadline for entering the proposed league will be Wednesday, October 5. Applicants are urged to submit their entries to the Y-12 Recreation Office, Room 149, Bldg. 9704-2, plant phone 7109 or 7100.

A practice round of firing will be held at the ORSA range on Sunday, September 25, at 2 p.m. A fee of \$3.50 will be charged

Fourth Team In Four Weeks Takes Lead In C League As C Shift Trees Alley Cats

The fourth team in four weeks to hold first place in the C League of Y-12 Plant bowlers took over the throne room on September 12 when the C Shift team blanked the Alley Cats for four points.

Rambling up to second place was the Ramblers, victors by a similar decision over the IBMs. The Sunflowers, the initial loop leaders this season but which had fallen into losing ways, came back strong to unhorse the Beta Fours after a one-week stay at the top of the heap, the Sunflowers also winning by a whitewash. Another lowly team, the Hookers, got into the act by blanking the SPs, another one-time leader. The Big Five cooled off the Chillers for three and the Par Busters busted the Hilifers by the same score.

Al Fischer, Chillers, had the best game scores with a 253 scratch and 268 handicap effort. W. B. Stephens posted a 583 scratch series and Loyd Kahler a 707 handicap series for tops of the night.

League standing follows:

Team	W	L
C Shift	12	4
Ramblers	11	5
Beta Fours	10	6
SPs	9	7
Big Five	9	7
Alley Cats	7	9
IBMs	7	9
Par Busters	7	9
Sunflowers	7	9
Chillers	6	10
Hookers	6	10
Hilifers	5	11

Bowles-Koontz Tops In Lenoir League

The Y-12 team of Clyde Bowles and Larry Koontz backed into first place in the Lenoir City Golf League for Y-12 and Oak Ridge National Laboratory linksmen during the week of September 12, with a forfeit win of four points. Also receiving a forfeit win was Collins-Watson, and Spradlin-Pluhar divided two points with C. Harris-T. Harris by a mutual forfeit. In matches decided on the course, Hicks-Cook blanked Wright-Simmons, Arrowood-Wray handed James-Kinkaid a similar loss and Thompson-Rogers duplicated over Rutherford-Stinnett. Carter-O'Hara took three and one half from Schultz-Thomas.

Thomas had low scratch score of 40 for the week and Carter's 36 was best handicap round.

League standing follows:

Team	W	L
Bowles-Koontz	25	11
Hicks-Cook	24	12
Carter-O'Hara	22 1/2	13 1/2
Schultz-Thomas	22	14
Wright-Simmons	21	15
Collins-Watson	20 1/2	15 1/2
Thompson-Rogers	20	16
James-Kinkaid	18 1/2	17 1/2
Arrowood-Wray	17 1/2	18 1/2
C. Harris-T. Harris	17	19
Beckett-Frank Kennedy	14	22
Spradlin-Pluhar	12 1/2	23 1/2
Ludlow-Ernest Kennedy	9	27
Rutherford-Stinnett	7 1/2	27 1/2

shooters obtaining ammunition from the association, or \$1.25 if they bring their own shells. One round of firing consists of 25 shots.



Jim Williams With MVP Trophy

Y-12er's Nephew Is Little League MVP Trophy Winner

The diamond performances of a husky 12-year-old youngster living up in Elizabethton, Tenn., have brought grins of pride to a Y-12 Guard, who is uncle of the lad. The Y-12er is A. A. Pierce and the proficient juvenile baseballer is Jim Williams, son of Mr. and Mrs. Grover Williams, of Elizabethton.

Young Jim was voted the Most Valuable Player in the Tennessee Little League tournament held early in August in Fountain City. He was voted the honor and awarded a trophy, shown in above picture, for his hitting in a semi-final victory against McMinnville and his pitching and hitting that brought the state title to the Elizabethton team as it defeated the West State contenders, Jackson, for the crown. The score in the title tilt was 5 to 1 as young Williams held the Jackson youths to one hit—that being a towering home run for the losers' only tally. Jim also doubled and scored one run for the champs.

Young Williams' only troubles in the championship battle came from wildness, as he issued seven passes. However, he fanned 13 Jackson batters.

Hill-Hoppe Clinch Second In Golf Loop

Bob Hill and Bill Hoppe clinched second place in the Oak Ridge Golf League for Y-12ers last week in a playoff for a tie that marked the end of the regu-

Rippers Ramble To Classic Lead

Wolves Lose Despite High Scores By Scates

The rambunctious Rippers rambled to the lead in the Classic League of Y-12 bowlers last Thursday night by blanking the Wolves for four points, despite a sparkling individual performance by Roy Scates for the losers. The Cubs and Markers ended up in a tie for second place, the Cubs blanking the Eight Balls for four and the Markers mopping up three from the All Stars, previous loop leaders. The Rebels climbed several rungs up the ladder by shutting out the Bumpers for four. The Screwballs beat the Playboys and Smelters smote the Has Beens, each by three. The Wasps and Tigers broke even at two points each as did the Swingsters and Sportsmen.

Scates took all individual scoring honors with a blazing exhibition of maple mauling, posting a 268 scratch game and 675 series. His handicap scores were the same, as he had not yet established a handicap for the season. In team scoring the Sportsmen had the best game marks of 988 and 1068. The Markers registered a 2618 scratch series and the Rebels a 2976 handicap series for tops of the night.

League standing follows:

Team	W	L
Rippers	7	1
Cubs	6	2
Markers	6	2
All Stars	5	3
Tigers	5	3
Sportsmen	5	3
Rebels	5	3
Wasps	4	4
Screwballs	4	4
Wolves	3	5
Playboys	3	5
Has Beens	3	5
Swingsters	3	5
Smelters	3	5
Eight Balls	1	7
Bumpers	1	7

Thomas-Hamill Get Lead At Harriman

Thomas-Hamill climbed into first place in second half of the season play in the Harriman Carbine Golf League after the ninth matches of the period with a four-point win over Stanley-Warlick. The victors had a bare one-half point margin in the standings over the previous leaders, Isham-Crass, who scored a three and one-half point triumph over Magyar-Sharpe. Creswell-Winters also were whitewash winners over Cuneo-Grimes to hold third place. Buttram-L. E. Brown slipped into fourth place by blanking Willmarth-Tilley and Ellis-W. H. Brown scored a similar win over Scalf-Deal. Henck-Lynn acquired four points by forfeit. Jordon-Bob Brown and Pickel-O'Keefe did not complete their match.

League standing with four more matches to play follows:

Team	W	L
Thomas-Hamill	30 1/2	5 1/2
Isham-Crass	30	6
Winters-Creswell	27 1/2	8 1/2
Buttram-L. E. Brown	25	11
Ellis-W. H. Brown	24	12
Henck-Lynn	23	13
Cuneo-Grimes	21 1/2	10 1/2
Magyar-Sharpe	14	22
Jordon-Bob Brown	13	19
Pickel-O'Keefe	12 1/2	19 1/2
Stanley-Warlick	10	26
Willmarth-Tilley	9 1/2	26 1/2
Scalf-Deal	8	28

lar season. Hill and Hoppe defeated John Boyd and George Oliphant in a nine-hole medal play scrap with Hill posting 49, Hoppe 43, Oliphant 47 and Boyd 51 in scratch scores. The scoring gave the victors a margin of five points to one for the losers.

The three-way tie for fourth, fifth and sixth places with Brown-Roberts, Smith-Bartholomew and Logan Emlet-Hines deadlocked will not be played off and the awards of golf balls will be divided among the players.

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Continued from Page 2

the Kentucky-Georgia Tech game in Atlanta last Saturday . . . **M. L. Patterson's** daughter, Martha, left last week to enter Northwestern University at Evanston, Ill. . . . **Lucille Pruitt's** son also left last week to reenter Middle Tennessee State College at Murfreesboro . . . **E. L. Armstrong** is entertaining his son, E. L. Jr., home on a 30-day leave from the Air Force . . . **Lyle Lankford** had a family reunion dinner for sons, daughters-in-law and grandchildren recently . . . **Raymond McNew** stayed at home in Knoxville while vacationing . . . **W. J. Crabtree** went hunting . . . **C. O. Mathena** took in the big fair in Knoxville last week . . . **Janice Gore** week ended with relatives in King's Mountain, N.C., recently.

FINANCE AND MATERIALS

An extensive vacation trip is being indulged in by **Wanda Hawn**, of the Cashier-Travel Department, with spots to be visited including Chicago, Milwaukee, St. Louis and other Mid-Western points of interest . . . The department last week warmly welcomed **Betty Rose** and **Jackie Tankersley**, recently transferred to the Travel Office and Traffic Department, respectively.

Speedy recovery wishes are extended by Timekeeping to **L. F. Powell** in Oak Ridge Hospital.

The welcome mat of the Mail Room was rolled out last week to **Kelley Jeffers**, recently transferred to the department.

Congratulations and best wishes are extended the former **Miss Janice Hildebrand**, of Plant Records, who was married on Saturday, September 17, to **Bob Santaro**, of Oak Ridge National Laboratory, at St. Mary's Catholic Church in Oak Ridge. The couple is honeymooning in Miami Beach, Fla.

ENGINEERING

Mechanical Engineering bid farewell last week to **Leonard Abbatiello**, who is returning to the University of Tennessee . . . **Ben Hammer** spent the last few days of his recent vacation swallowing pills and seeing that pills were swallowed. Ben and five of his children had various and assorted miseries so they spent a week, more or less, watching the races (between aspirin and bufferin). They don't know what pill copped the contest—but anyhow Ben is back to work and his tribe has recovered . . . Caveman **Roy Huddleston**, accompanied by Lee Boswell from ORNL, paid a week-end visit to their pet cave over at Grassy Cove near Crossville. The Bulletin is planning a feature story on the spelunking activities of Huddleston and pals in an early edition) . . . **Tommy Swindell** is on the road again—he and his missus are taking a couple of weeks to visit one son and his family in Detroit and then will meander over to Brunswick, Me., to visit another son in the Air Force . . . **Tommy Harris**—and a few pals whose wives would consent to the frolic—flung a "bachelor's party" at the home of **Ed Palmer** Saturday night. It

was to honor Tommy, who will marry Miss Jean Ralph on October 22 at the Concord Presbyterian Church . . . **Nora Moss** had a busy week end getting her two sons ready to return to college . . . **Spence Ferguson** and **Frank Clayton** were among Oak Ridge fans at the Wildcat game against Chattanooga City High School last Friday night . . . **Frank Fuis** and spouse were a busy couple last Friday—they took their offspring to the fair in Knoxville . . . The MEs welcomed a newcomer, **R. C. Green**, in last week. He is a graduate of Auburn University.

Yore Ol' Colyum Conductor is awl toired out—been a-ironin' awl day long. Goom-bye, pleasant dreams, y'all.

Y-12 Foundry Works 17 Years, No Injuries

Continued from Page 1

continuance of accident-free days in the Foundry is the excellent housekeeping practices in the building where it is housed. Despite the character of work performed, the Foundry is kept in a spotless condition by constant attention of the employees working there. This attention to detail has resulted in many outside employees declaring it the cleanest shop in the Y-12 Plant.

Naturally, the staff of employees in the Foundry are exceptionally proud of the long safety record they have established and just as naturally will strive to keep it intact indefinitely. Meanwhile, the Foundry folks have entered their 18th year of operations confident that they can maintain their string of accident-free days going for a long, long time—perhaps for 20 years if the Foundry is continued in operation that long.

Ridge Playhouse To Open With 'Our Town' October 7

The 1960-1961 season of the Oak Ridge Community Playhouse will open on October 7, at the Playhouse on Jackson Square. The opening production will be *Our Town*, by Thornton Wilder. In addition to *Our Town*, other presentations by the Playhouse will include *The Crucible*, *Twelfth Night*, *The Visit* and *Bus Stop*. A Studio Theater production to be presented in February also is planned by the Community Playhouse.

You are spending your life at a rate of 60 seconds a minute. What are you doing with it?



A \$500 SCHOLARSHIP for studies at the University of Tennessee School of Pharmacy at Memphis is being presented Jack Monday, left, son of H. M. Monday, Y-12 General Machine Shop. The presentation was made by James H. Gentry, right, president of the Tennessee Pharmaceutical Association. Directly behind the two men is Jack's mother.

Scholarship Won By Son Of Y-12er For UT Studies

Jack Monday, 18, whose father is H. M. Monday, of the Y-12 General Machine Shop, has received a \$500 scholarship from the Lever Brothers Co., nationally-known drug manufacturers, for studies at the University of Tennessee School of Pharmacy at Memphis. Young Monday now is starting his first two years of pre-medical studies at the university in Knoxville before going to Memphis to complete the three years required for a diploma.

The Lever Brothers scholarship was presented to Jack Monday at a state convention of the Tennessee Pharmaceutical Association in Gatlinburg on June 14. The presentation was made by James H. Gentry, president of the Tennessee Pharmaceutical Association.

Jack Monday is a graduate of Roane County High School at Kingston. Although he played three years of varsity football for Kingston, he does not plan to try out for any Tennessee teams, preferring to concentrate on his medical studies.

The scholarship won by Jack Monday was awarded the Y-12er's son after a competitive examination that was taken by several aspirants for the honor.



Ride wanted from Kingston Pike, Suburban Hills, to Central or West Portal, straight days. Sam Hart, plant phone 7336, home phone Knoxville 8-1682.

Will join car pool from Norwood to Central Portal, straight days. C. A. Crutchfield, home phone Knoxville MY 1-9946.

Car pool member wanted from vicinity of Pleasant Ridge Park or Cumberland Estates to West Portal, straight days. E. F. Nickle, plant phone 7-8622, home phone Knoxville 3-4309.

Rides wanted for three or will join car pool from Maryville to Bear Creek Portal, straight day. W. O. Canant, plant phone 7627, home phone Maryville YU 2-8351.

Three car pool members wanted from East Village to North or Central Portal, straight days. Jim Gillcrist, plant phone 7104, home phone Oak Ridge 5-1653.

Ride wanted from vicinity 118 West Bryn Mawr Road, West Village, Oak Ridge, to East Portal, straight day. Caila Cox, plant

TSJC Gets Two More Technical Societies

AIEE And SNM Enroll In Joint Council

In August two more technical societies, the East Tennessee Chapter of the American Institute of Industrial Engineers and the Southeastern Chapter of the Society of Nuclear Medicine became members of the Technical Societies' Joint Council at Oak Ridge. This increased the membership in the Joint Council to 17 societies and the number of society members represented by the Joint Council to about 2,300.

The American Institute of Industrial Engineers (AIIE) was organized in 1948 to serve those who apply engineering, science and principles to various phases of manufacturing and administration. The East Tennessee Chapter was founded in 1951.

Many industrial concerns are represented by members of the local chapter. They include Union Carbide Nuclear Company, Aluminum Company of America, University of Tennessee, Tennessee Valley Authority, American Enka Corporation, Southern Railway, Yale and Towne, Berkline and others.

Former Y-12er Is President

To meet the changing conditions of modern business, the East Tennessee Chapter of AIIE changed from the traditional offices of president, vice-president, secretary and treasurer to a functional organization in May of this year.

The officers in this functional organization for 1960-61 are, Nelson Bethea, (Union Carbide Nuclear Co.) former Y-12er now with Oak Ridge Gaseous Diffusion Plant, president; John W. Pate (American Enka Corp.), executive vice president and acting vice president-development; W. Walter Goolsby, ORGDP, (Union Carbide Nuclear Co.), vice president-public relations; Bill Bassett, (American Enka Corp.), vice president-controller; Jerome M. Edwards, (Plastiline) vice president-membership; Carl H. Stone, ORGDP (Union Carbide Nuclear Co.), vice president-programs; and Sherrill T. Hatcher, (Albron Plant, Alcoa), vice president-national relations.

First Meet Held In Ridge

Organization of the Society of Nuclear Medicine, (SNM) was brought about through the efforts of men in the Northwest United States who believed that a society devoted to the medical use of radioisotopes was necessary. The Southeastern Chapter of SNM held its first annual meeting at Oak Ridge in March, 1960. There were 70 registrants at this highly successful meeting at which 24 papers were presented on new clinical procedures, new isotopes and labelled compounds, instrumentation, and education in medical radioisotope field. In October the Southeastern Chapter is planning to hold a joint meeting with the Society For Experimental Biology and Medicine in Oak Ridge.

Officers for the Southeastern Chapter are J. E. Francis, Jr. (Oak Ridge National Laboratory) president; D. A. Ross (Oak Ridge Institute of Nuclear Studies Medical Division) vice-president; C. C. Harris (Oak Ridge National Laboratory) secretary-treasurer; Granvil Kyker, (Oak Ridge Institute of Nuclear Studies) program chairman; Marshall Brucer (Oak Ridge Institute of Nuclear Studies) counselor. Dr. Brucer is a past national president of SMN while Francis, Kyker, and Harris are members of the board of trustees that governs the SNM.

phone 7016, home phone Oak Ridge 5-3935.

Ride wanted or will join car pool from 123 Sheridan Circle, West Village, Oak Ridge, to North or Central Portal, straight day. R. C. Green, plant phone 7312, home phone Oak Ridge 5-1654.



Mike Byrd Randa Rucker
Youthful Diving Champs

Y-12 Youngsters Win Championships In Diving Contests

An attractive young daughter of one Y-12er, and two sons of other Y-12 employees, took first places in the recent East Tennessee Diving Championships. The competition was held in the Town Lodge Motel pool in Knoxville and was conducted under AAU rules.

The winners were Randa Rucker, daughter of R. S. Rucker, Rolling and Forming; Mike Byrd, whose father is John H. Byrd, General Machine Shop; and Jim Turner, son of Paul Turner, Chemical Engineering Development.

Oak Ridge had but four entrants in the event, which drew a total of from 30 to 40 competitors. However, the Atomic City youngsters took the three first places against the outside divers.

The young divers in the meet had two required figures from the boards and three optional dives. Under the regulations Miss Rucker scored 120 points in the 15-16 year-old girls class. Mike Byrd scored 109 points in the 13-14-year-old boys group and Jim Turner had 117 points in the 15-16-year-old boys division.

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 10 years of Company Service within the next few days.

No Y-12er will observe a 15th employment anniversary within the next week.

10 YEARS

Fred Williams, Radiation Safety, September 21.

Roy H. Rowland, Fire and Guard Department, September 21.

Claude L. Westmoreland, Research Services, September 21.

Jack D. Barnette, Operation of Utilities, September 21.

David R. Baldwin, Jr., Janitors, September 22.

Geneva G. Carter, Superintendents, September 25.

James R. Wells, Machine Maintenance, September 25.

Wiley A. Herrell, General Machine Shop, September 25.

Foraker Lambdin, Jr., Chemical Engineering Development, September 25.

Claude R. McCabe, Sunflower Foundry, September 26.

Charlie W. Hillon, Research Services, September 26.

Nevil F. Bush, Mechanical Maintenance, September 26.

William L. Griffith, Process Analysis, September 27.

William A. Coker, Chemical, September 27.

Charles L. Huddleston, Research Services, September 27.

Ralph Lawson, General Machine Shop, September 27.